Mage, W. H.

Indexes to the Literatures of Crium and Labtham

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LITERATURES OF CERIUM AND LANTHANUM

BY

W. H. MAGEE, PH. D.

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LETTER OF TRANSMITTAL.

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The Committee of the American Association for the Advancement of Science having charge of Indexing Chemical Literature has voted to recommend to the Smithsonian Institution for publication the three following Indexes: —

AN INDEX TO THE LITERATURE OF CERIUM.
AN INDEX TO THE LITERATURE OF LANTHANUM.
Both by W. H. Magee, Ph. D.

AN INDEX TO THE LITERATURE OF DIDYMIUM.[1]
By A. C. Langmuir, Ph. D.

The latter has already appeared in the School of Mines Quarterly, No. 1, Vol. XV.

H. CARRINGTON BOLTON,
Chairman.

To the SECRETARY of the SMITHSONIAN INSTITUTION.

[1] This Index is printed as Smithsonian Publication No. 972.

INDEXES TO THE LITERATURES OF CERIUM AND LANTHANUM.

By W. H. MAGEE, Ph. D.

INTRODUCTION.

The following indexes to the literatures of cerium and lanthanum were prepared during the course of some work on the former element. They are not offered as being absolutely correct, but all the more important articles bearing upon the elements are certainly indexed, and usually the original article heads the list. In some few cases, however, it was difficult to determine the original. Whenever the journal was to be found on the library shelves the references were verified. No single library, however, contains all the journals to which references will be found.

That the indexing of chemical literature is of great and growing importance is evident; that the work should be as nearly perfect as possible is equally true. Yet few except those who have attempted the task realize the difficulty and labor involved. I would ask, therefore, as regards these indexes, that any one using them, and all chemists interested in the study of cerium and lanthanum, should send corrections and addenda to W. H. Magee, care of Professor L. M. Dennis, Cornell University, Ithaca, N. Y., so that after a few years perfectly correct indexes may be prepared.

The Indexes are arranged on the same plan as that of the Index to Uranium, published by Dr. H. Carrington Bolton in 1870, and followed by several other chemists. The abbreviations used are in the main those of the standard list printed in Bolton's Bibliography of Chemistry.

Cornell University,
Ithaca, N. Y., July 21, 1894.

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1751	CRONSTEDT . . .	Discovery of the mineral cerite.	Sv. Vet. Akad. Handl., 1751, 227. Ab. der Schwed. Akad. der Wiss., 1751, 235. Cronstedt Min., 1858, 183.
1784	BERGMANN and D'ELHUYAR.	Analysis of cerite (not correct).	Sv. Vet. Akad. Handl., 1784, 121.
1804	BERZELIUS and HISINGER.	Discovery of ceria in cerite.	Afhandl. i. Fys., Kemi och Min., 1, 58. A. Gehl, 2, 397. Ann. chim. phys., 50, 245. Phil. Mag., 1805, 20, 155.
1804	KLAPROTH . . .	Discovery of ceria as "Ochroit-erde" in cerite.	Memoirs de l'Acad. de Berlin, 1804, 155. A. Gehl, 2, 303. Beitr., 4, 140. Ann. chim. phys., 49, 255. Phil. Mag., 19, 95. Karst. Min. Tab., 1808, 74.
1804	VAUQUELIN . . .	Review of Klaproth's work.	Ann. chim. phys., 50, 140. A. Gehl, 5, 189. Ann. de mus. d'hist. nat., 5, 412.
1805	. . . . .	Note on disc. of Berzelius and Klaproth.	Phil. Mag., 22, 174.
1805	VAUQUELIN . . .	Analysis of cerite and synthesis of cerium salts.	Ann. chim. phys., 54, 28. Phil. Mag., 22, 193.
1808	T. ALLEN	Supposition that allanite was gado-linite.	Edin. Roy. Soc. Proc., 6, 345.
1810	THOMSON	Analysis of allanite.	Edin. Roy. Soc. Proc., 6, 384. Schw. J., 13, 108. Ann. Phil., 2, 147. Jour. des Mines, 29, 159; 30, 281. Ann. der Phys., Gilb., 44, 123.
1810	HISINGER	Analysis of cerite.	Afhandl. i. Fys., Kemi och Min., 3, 283. Kongl. Vet. Acad. Handl., 1811.
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1815	HISINGER	Analysis of allanite.	Afhandl. i. Fys., Kemi och Min., 4, 327.
1815	HISINGER	Atomic mass.	Afhandl. i. Fys., Kemi och Min., 4, 378. Ann. Phil., Nov., 1814. Ann. chim. phys., 94, 108. Schw. J., 17, 424.
1818	BERZELIUS . . .	On fluss-spatssyradt.	Afhandl. i. Fys., Kemi och Min., 6, 64.
1819	HISINGER	Analysis of cerite.	Ann. chim. phys. [1], 10, 27. Ann. des Mines [1], 5, 227.
1823	LEVY.	On monazite.	Ann. Phil., 5, 241.
1823	BERZELIUS. . . .	Compounds with fluorine.	Sv. Vet. Akad. Handl., 1823, 284. Ann. der Phys., Pogg., 1, 28. Compt. Rend., 1825. Ann. des Mines [1], 12, 302.
1824	LEVY.	On buckland-ite.	Ann. Phil., 7, 134.
1824	GAY LUSSAC . .	Memoir of Laugier's work.	Ann. chim. phys. [1], 27, 314. Berz. Jsb., 5, 204.
1825	HAIDINGER . . .	On allanite.	Edin. Roy. Soc. Proc., 10, 271. Ann. des Phys., Pogg., 5, 157. Min. Mohs., 3, 68.
1825	BERZELIUS. . . .	Sulphide.	Sv. Vet. Akad. Handl., 1825, 11. Treatise on Chemistry, Ger. ed. v. Ann. des Phys., Pogg., 6, 456.
1825	BERZELIUS. . . .	On arsenico-sulpho salts.	Trans. de l'Acad. Roy. de Stockh., 1825. Ann. der Phys., Pogg., 7, 28 and 145. Ann. chim. phys. [2], 2, 60.
1825	BERZELIUS. . . .	On sulpho-molybdo salts.	Ann. der Phys., Pogg., 7, 274. Ann. chim. phys. [2], 2, 407.
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1826	BERZELIUS. . . .	Analysis of a cerium mineral.	Ann. chim. phys. [2], 1, 400.
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1826	WÖHLER.	Cerium in pyrochlore.	Ann. der. Phys., Pogg., 7, 427. Leonhard's Ztschr. für Min., 1, 246.

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1830	BERTHEMOT . . .	Preparation of bromide.	Ann. chim. phys. [2], **44**, 393.
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1832	BEUDANT	On fluocerite.	Traité élémentaire de min., **2**, 519.
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1837	ROSE.	. . . . .	Reis. Ural, **1**, 432.
1837	SHEPARD	On edwardsite (monazite).	Am. J. Sci. [1], **32**, 162. J. prakt. Chem., **12**, 185.
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1839	KERSTEN	Crystals of monazite.	Ann. der Phys., Pogg., 47, 210 and 385.
1840	SCHEERER	Analyses.	J. prakt. Chem., 22, 449. Ann. der Phys., Pogg., 51, 407 and 465. Ann. des Mines [4], 2, 449.
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1849	MARX	Optical properties of cerium sulphate.	Ann. der Phys., Pogg., 78, 273.
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1860	NORDENSKIÖLD.	Hielmite.	Öfr. Ak. Stockh., 17, 34. Ann. der Phys., Pogg., 111, 278.
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